

FIG. 1B

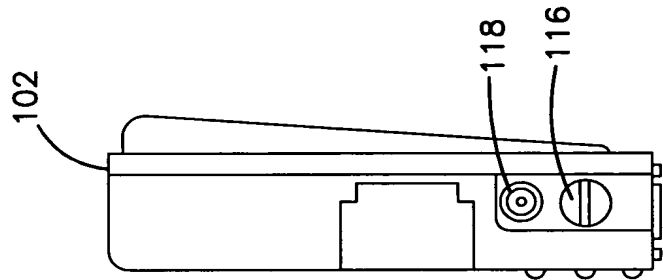


FIG. 1A

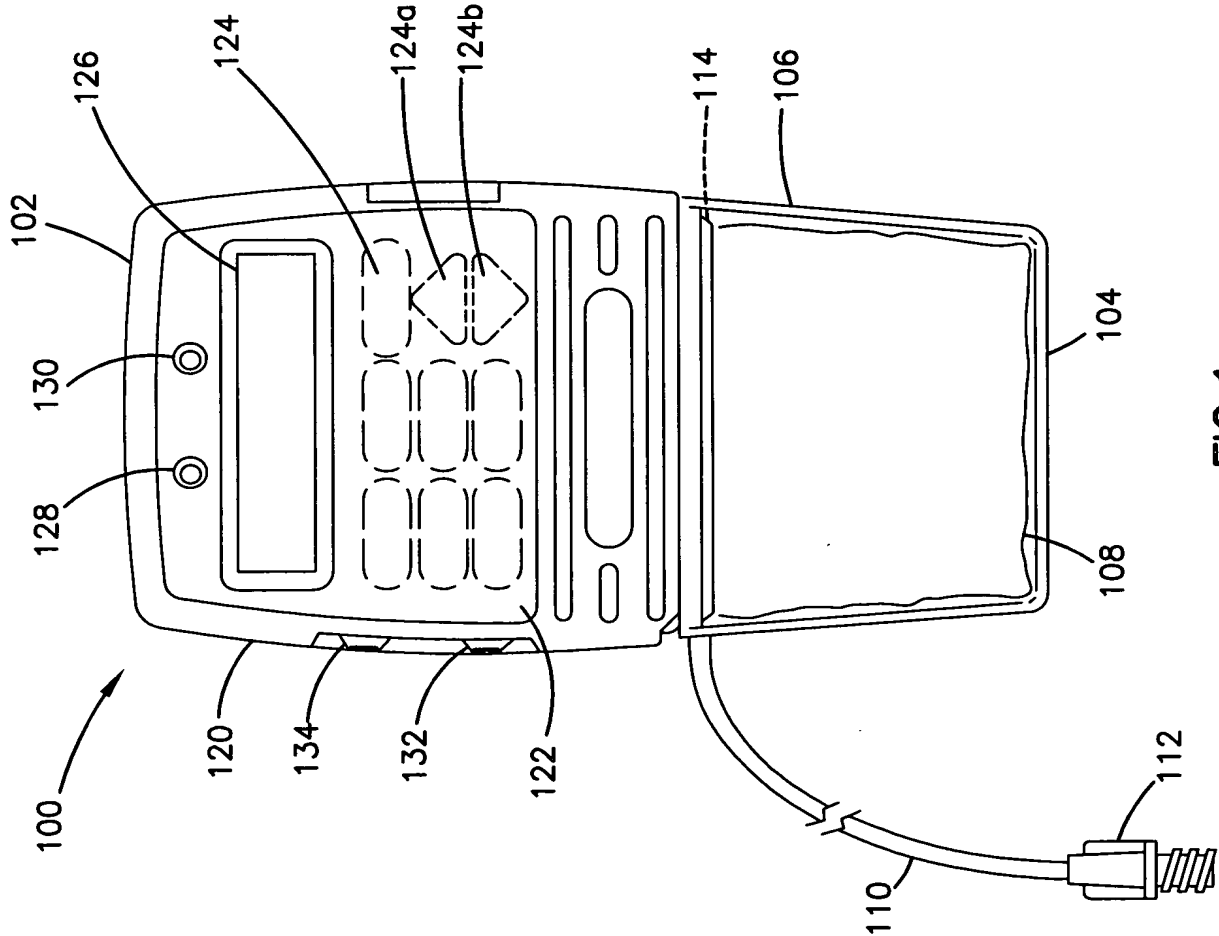


FIG. 1

FIG.3

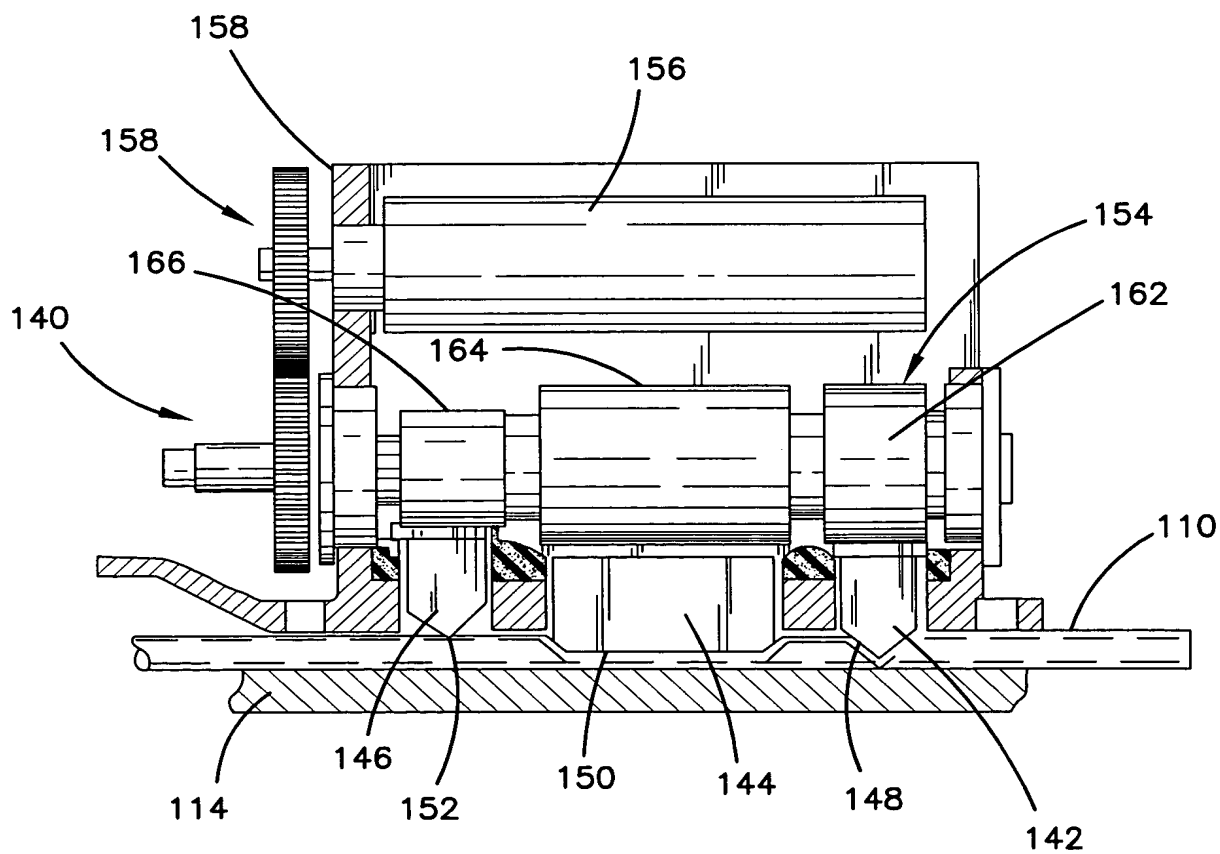
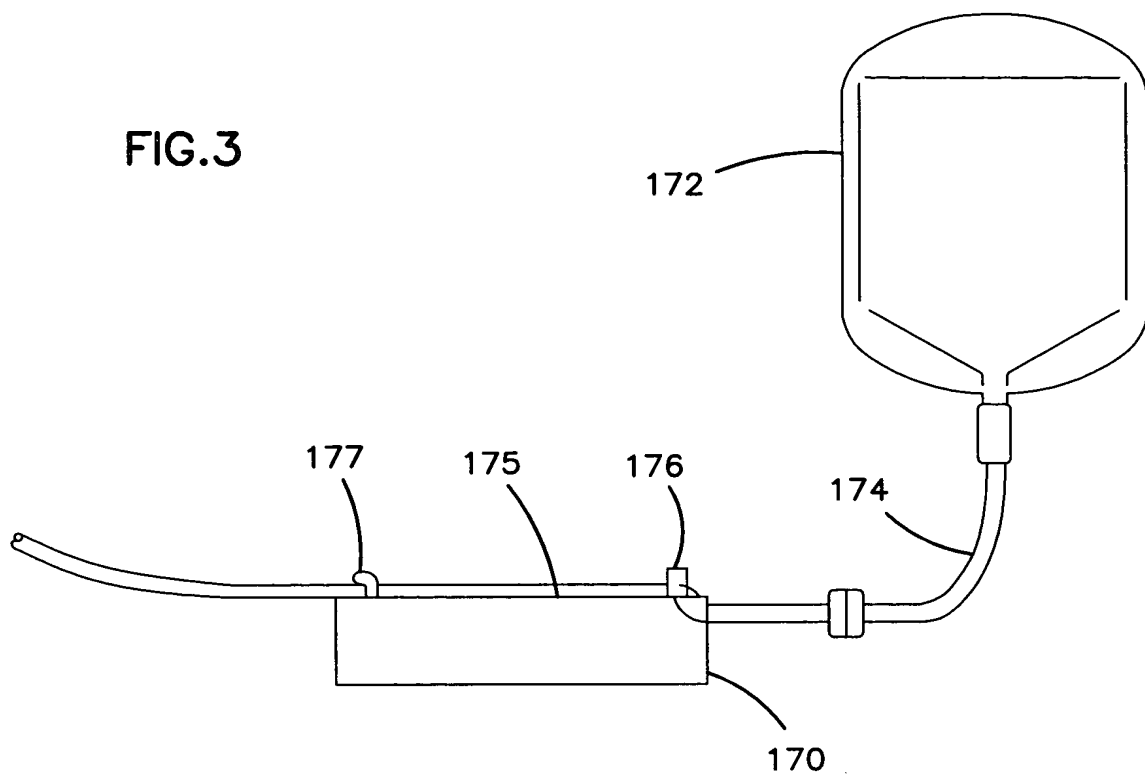
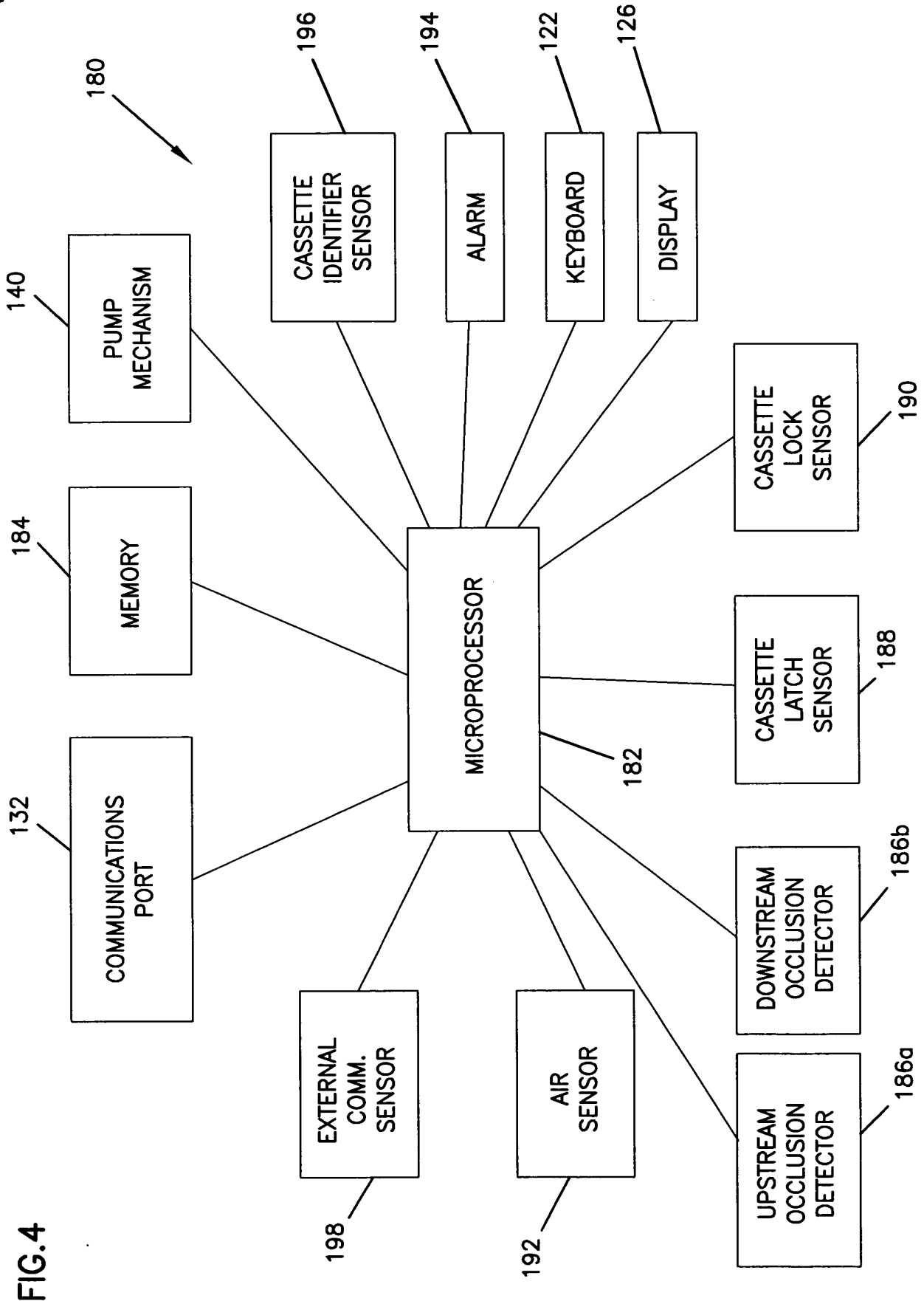


FIG.2



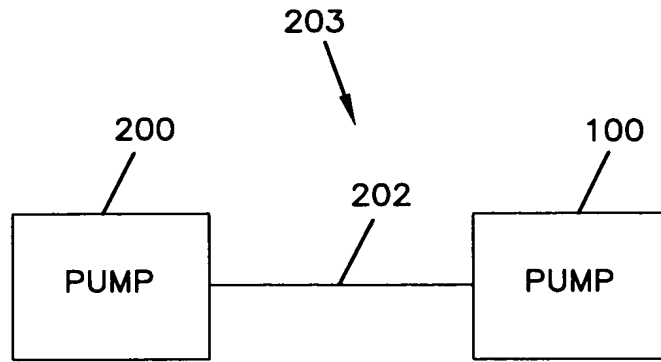


FIG. 5

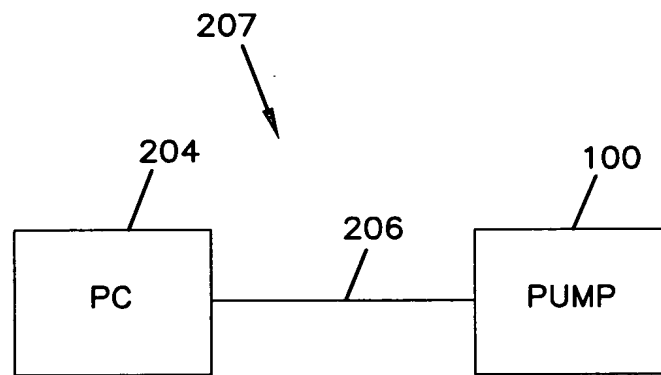


FIG. 6

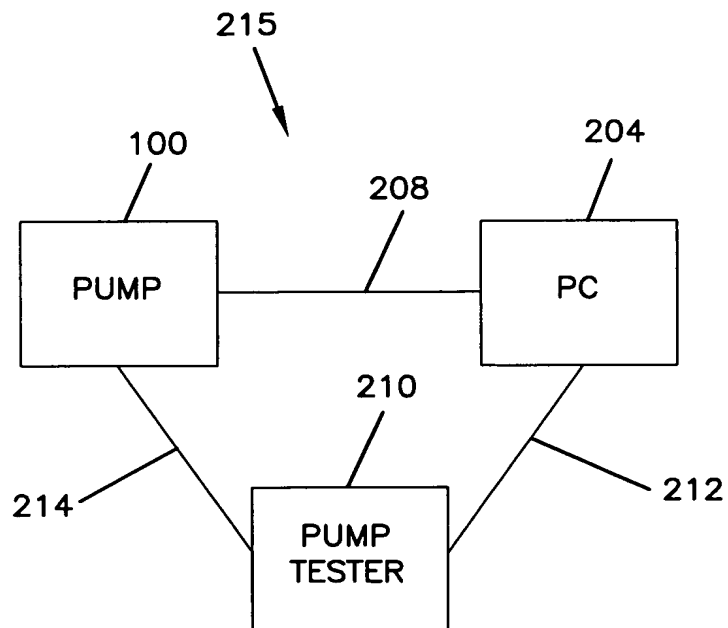


FIG. 7

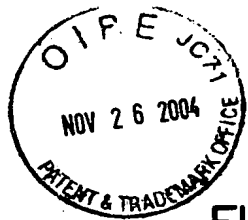


FIG.8A

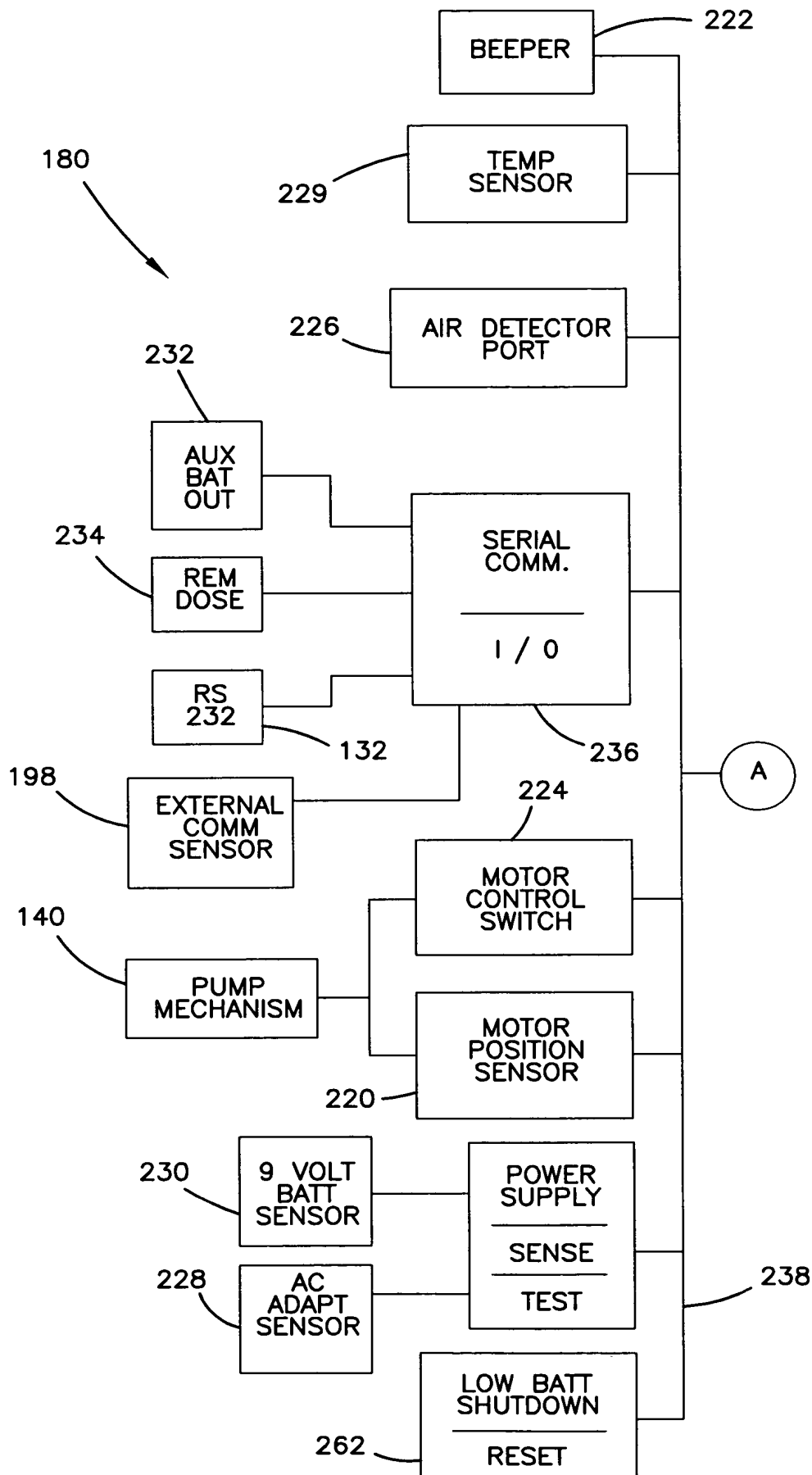
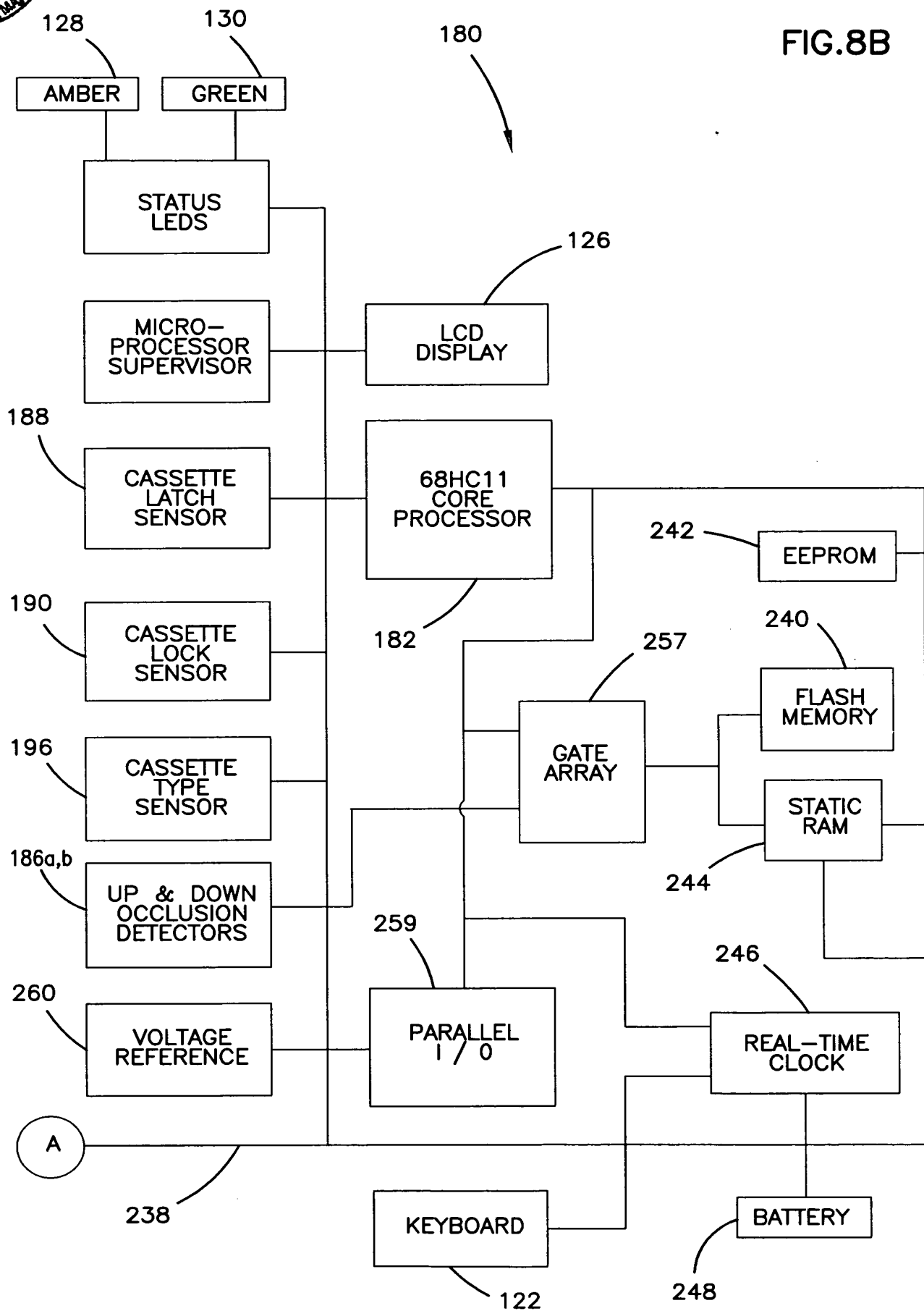




FIG.8B



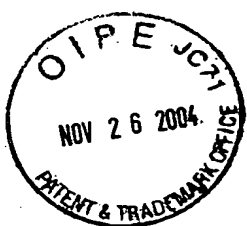


FIG. 8C

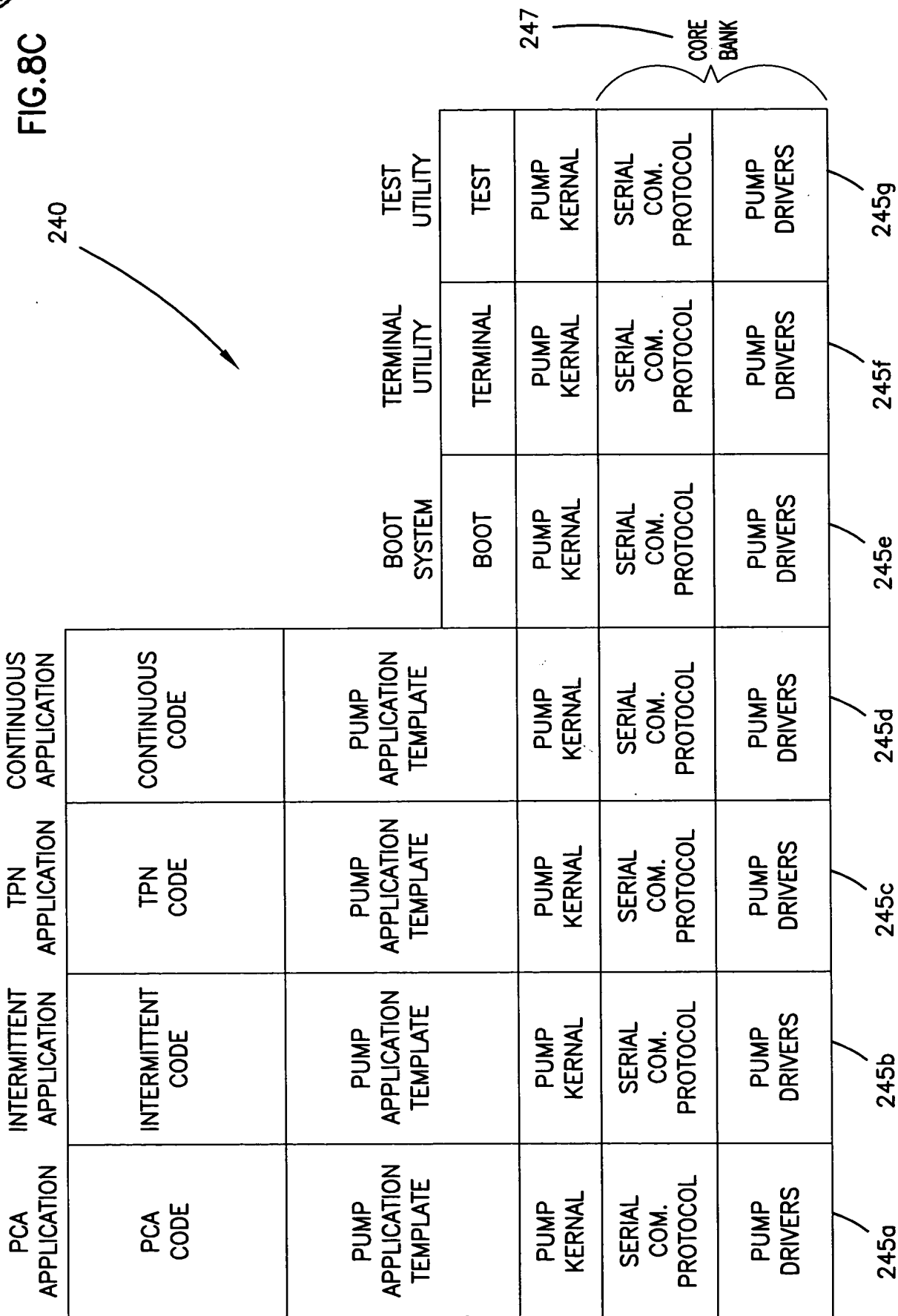




FIG.8D

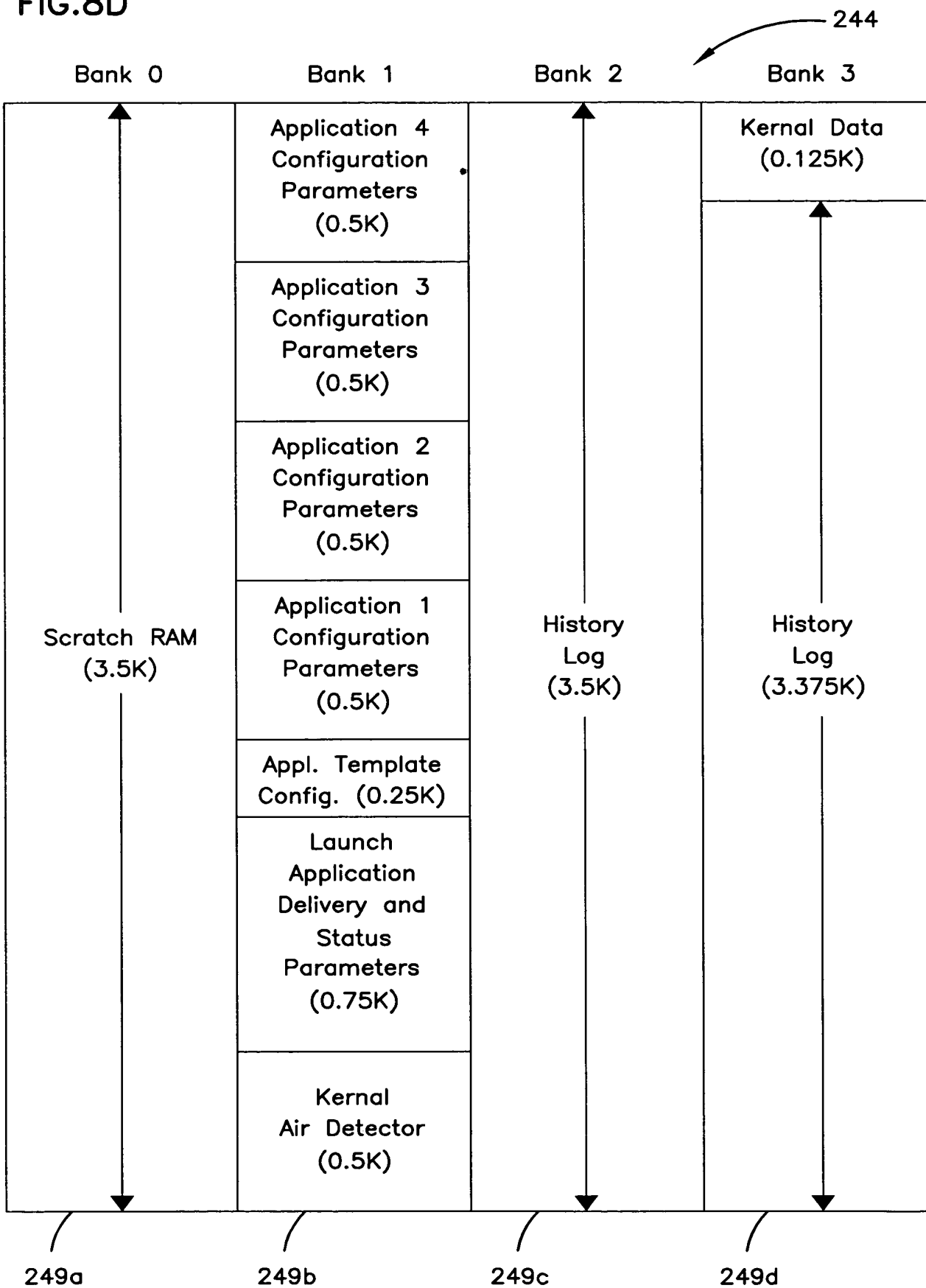




FIG.8E

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App 4 Configuration Parameters
App 3 Configuration Parameters
App 2 Configuration Parameters
App 1 Configuration Parameters
App Template Configuration Parameters
Launch App Delivery/Status Parameters
KERNAL DATA: Automatic Odometers, Program Lock-up Table, Launch Program Select, Kernal and App Need Defaulting flags
DRIVERS DATA: Error Log
DRIVERS DATA: Manufacturing Parameters

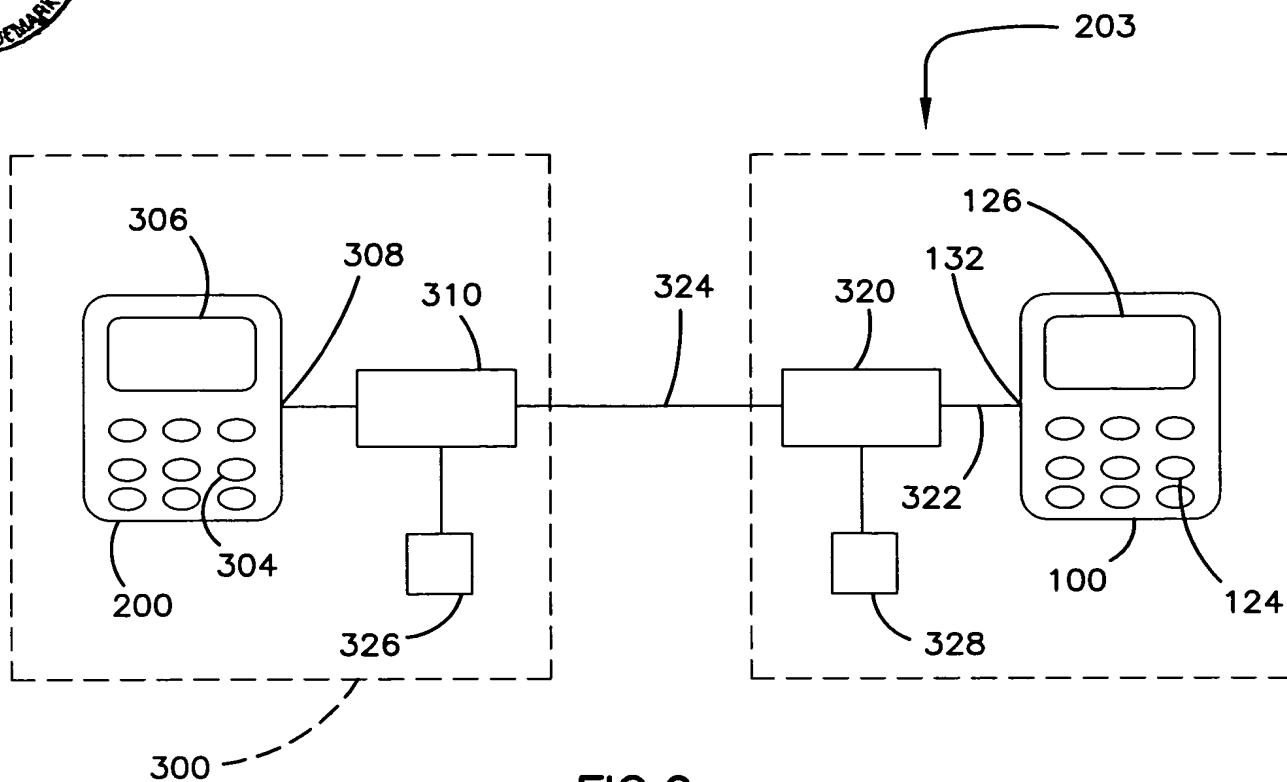


FIG. 9

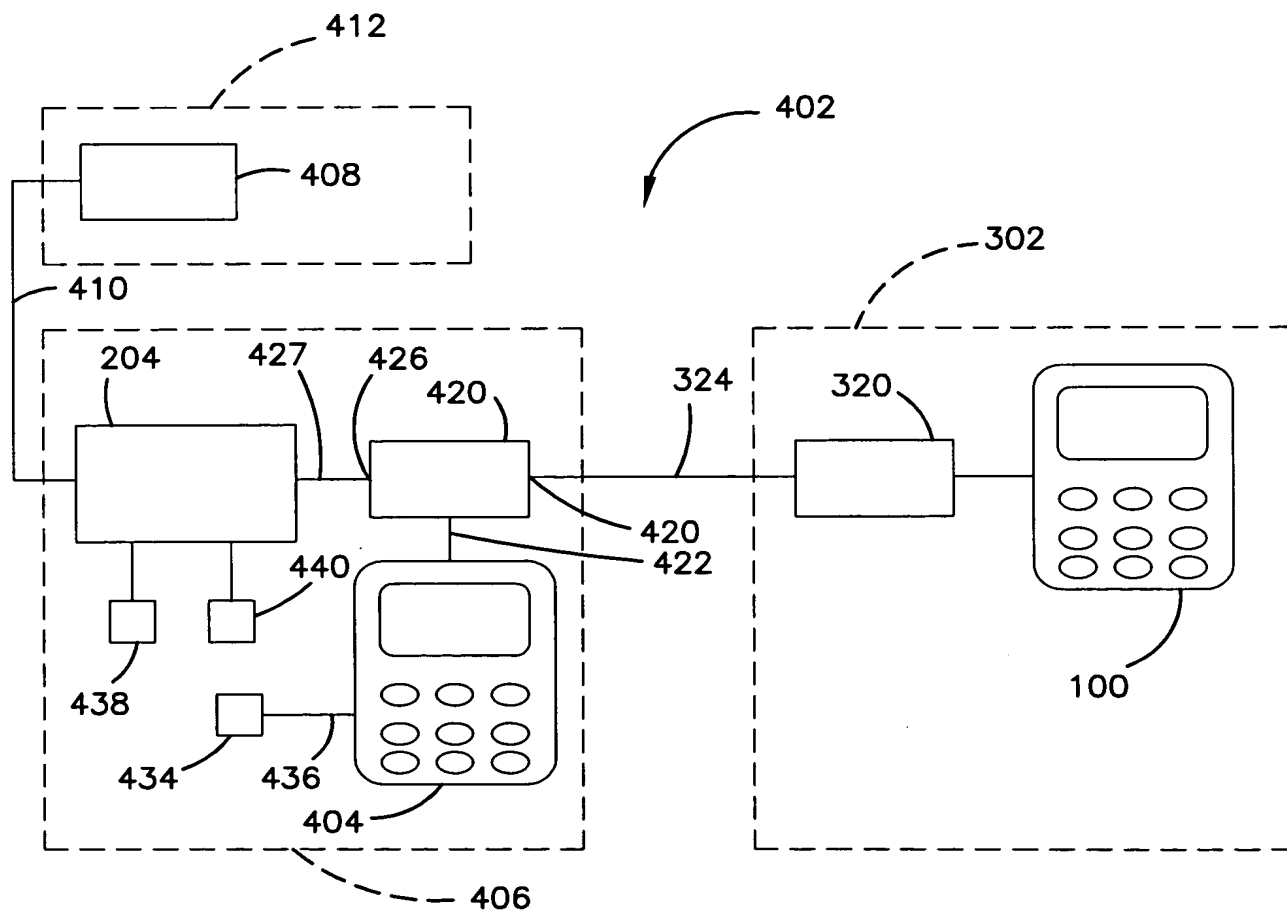


FIG. 10



FIG.11

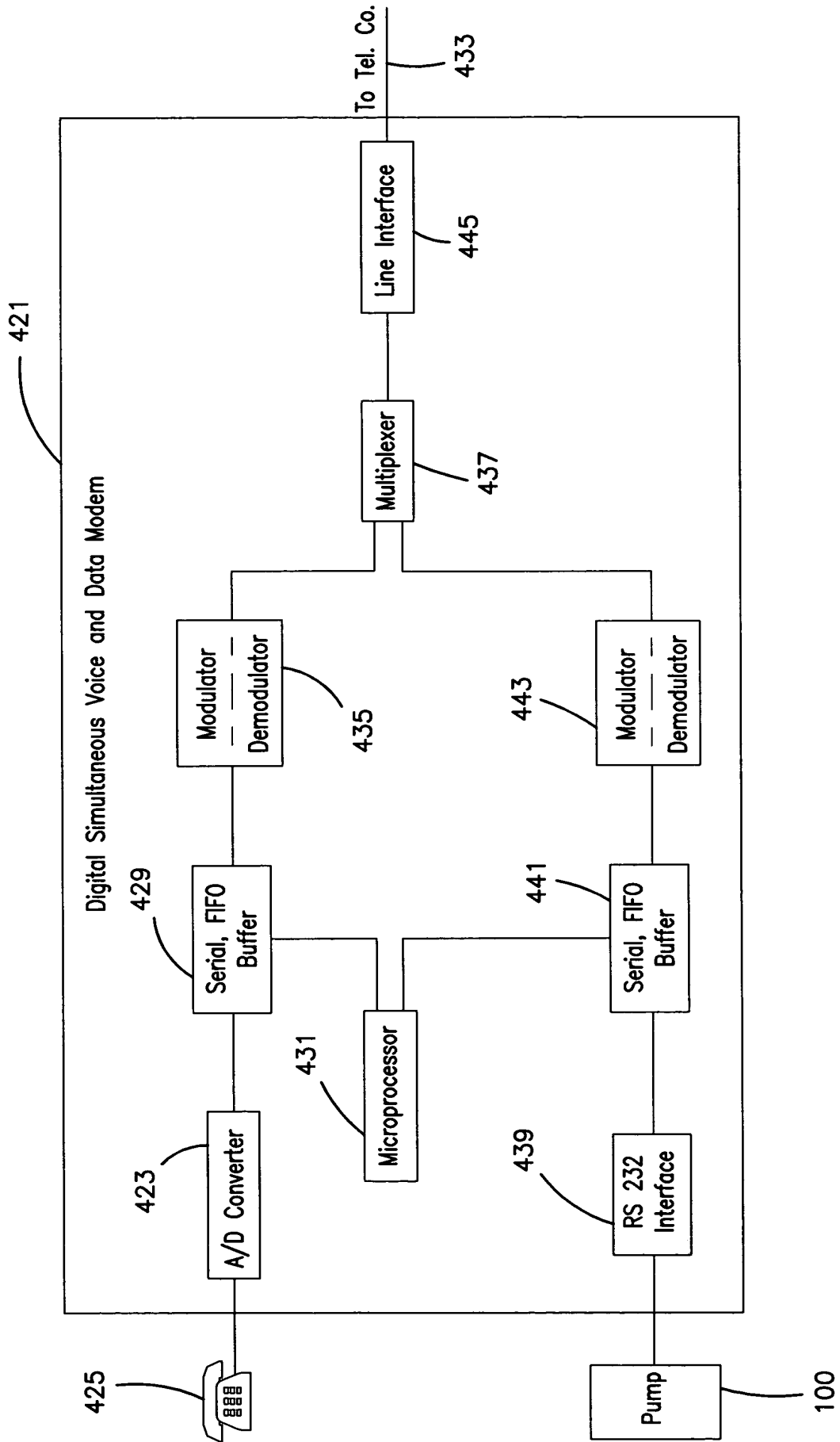




FIG.12A

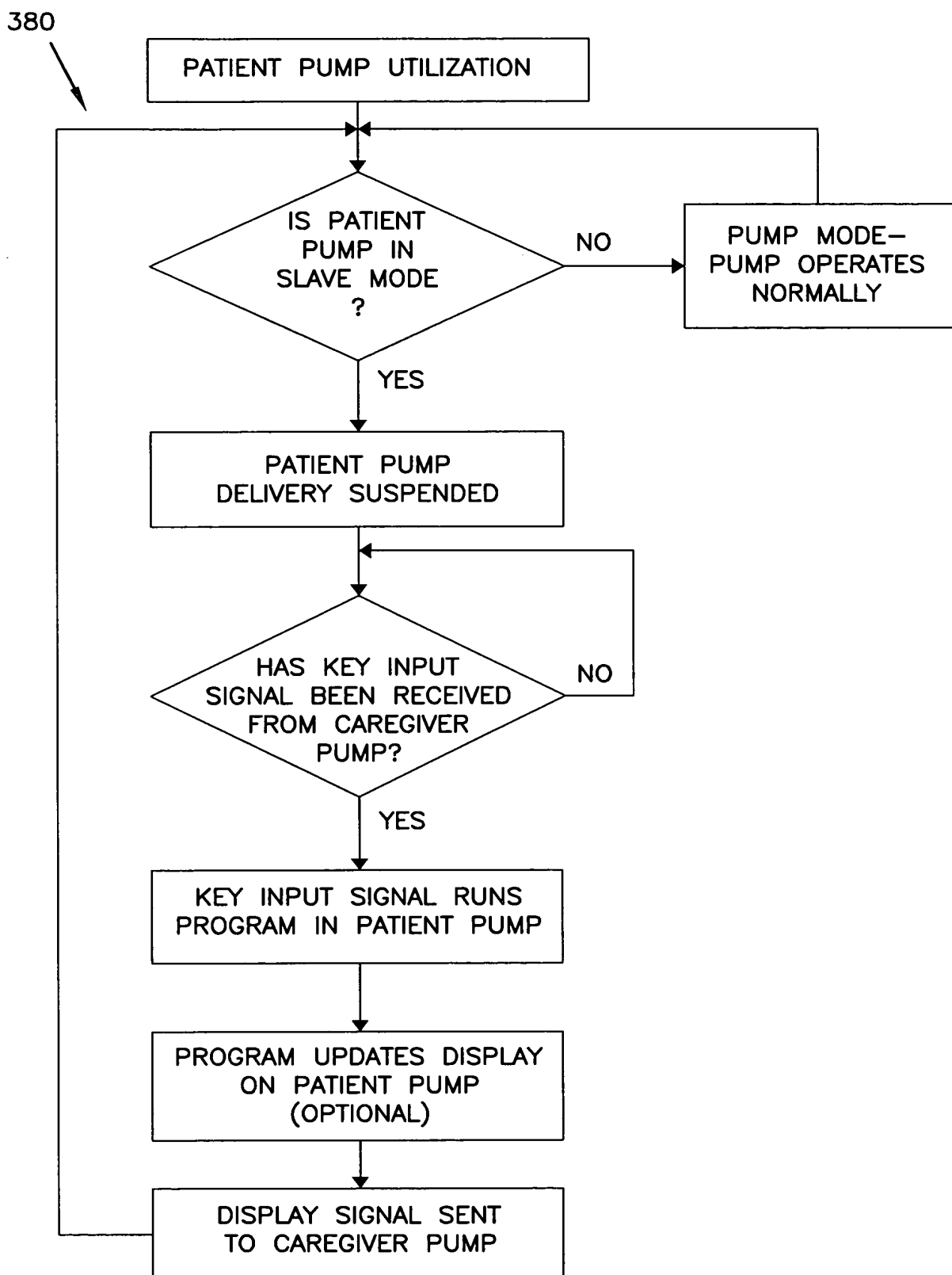




FIG.12B

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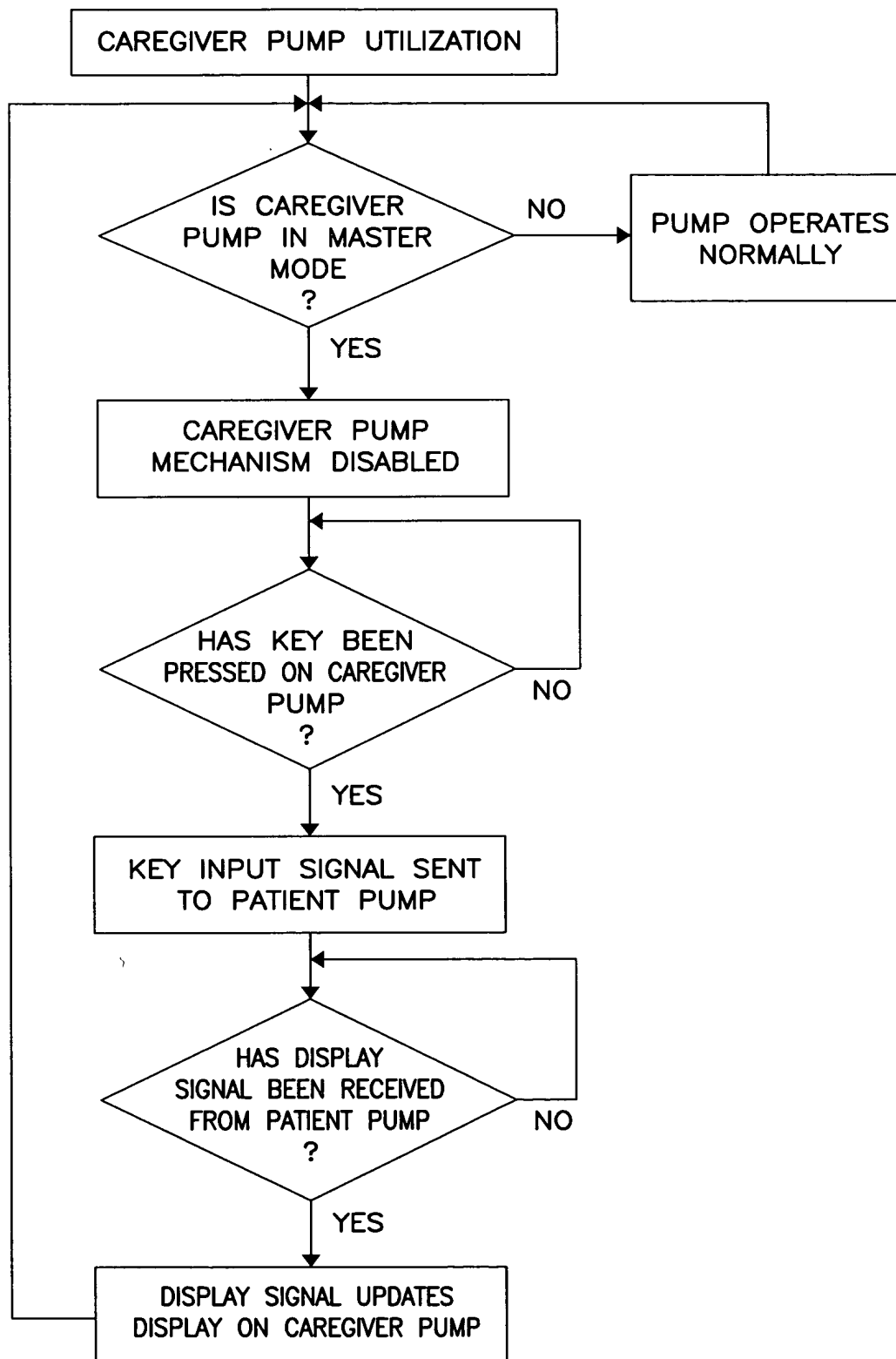




FIG. 13

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386

388

CAREGIVER PUMP	PATIENT PUMP
Clinician's pump must be running the Terminal Application. If the communications cable is not connected, clinician attaches cable.	
Clinician talks with patient using phone connected to modem	Patient talks with clinician using phone connected to modem
Clinician instructs patient to "connect communications cable to patient's pump"	Patient connects cable to pump
After cable connected, clinician asks patient to "verify that the screen with CONNECT TO PHONE message is displayed"	Patient verifies screen
Clinician instructs patient to "select CONNECT TO PHONE option, wait for a tone, then hang up phone and wait for a call back (call back is optional)".	Patient selects option, listens for tone, then hangs up phone. Patient's pump reminds patient to hang up phone.
Clinician listens to tone from patient's pump, then presses a key on Clinician's pump.	Patient waits for clinician to call back.
Clinician's pump and patient's pump connect	Patient's pump displays a standard message and all key beeps are suppressed
Clinician reviews/modifies patient's pump.	
Clinician logs-off	Patient's pump begins to periodically alarm. Message instructs patient to remove modem cable
Clinician calls patient (Optional)	

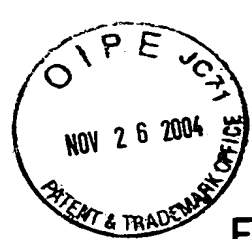
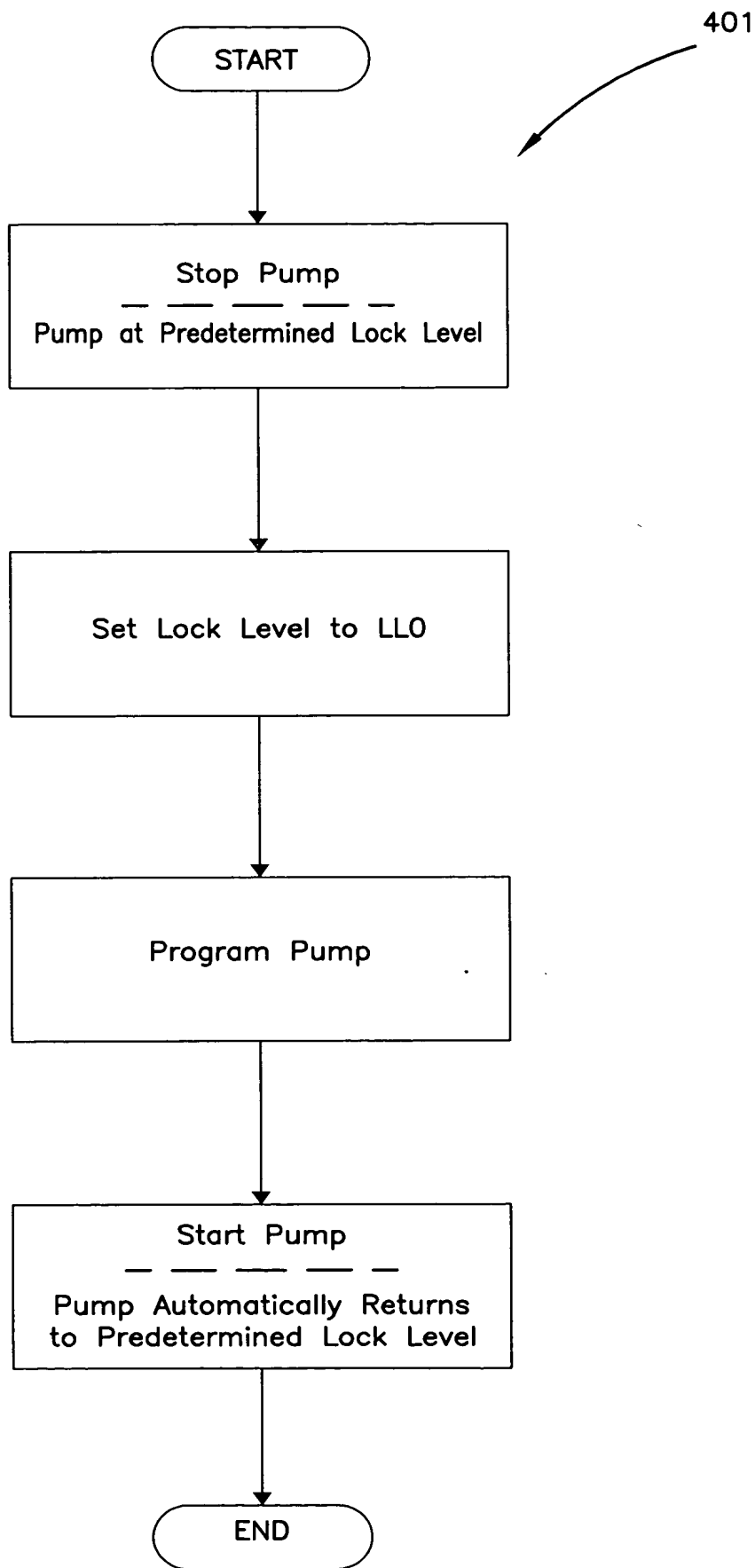


FIG.14



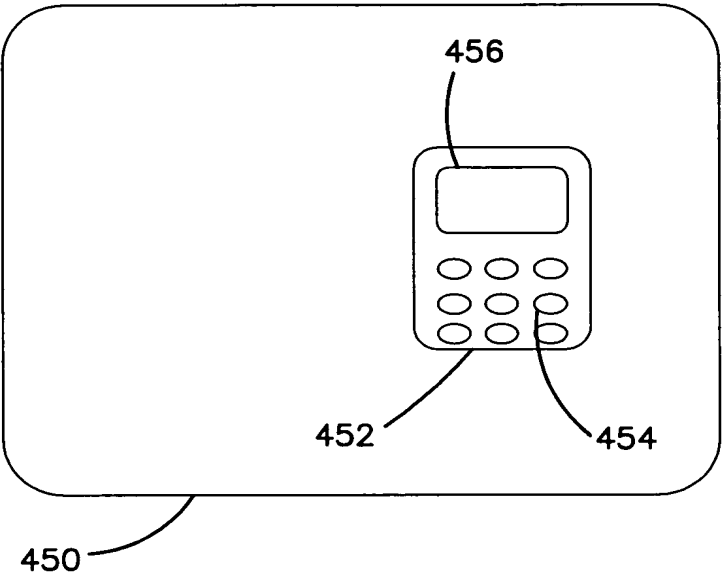


FIG.15

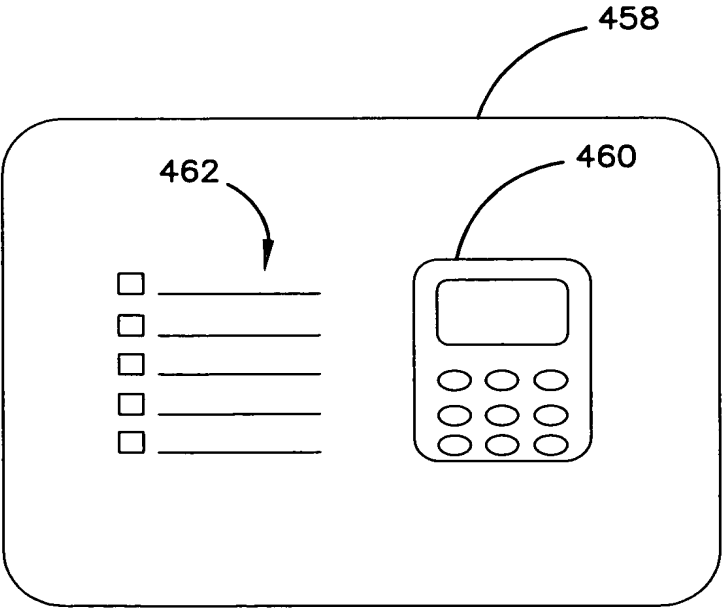


FIG.16

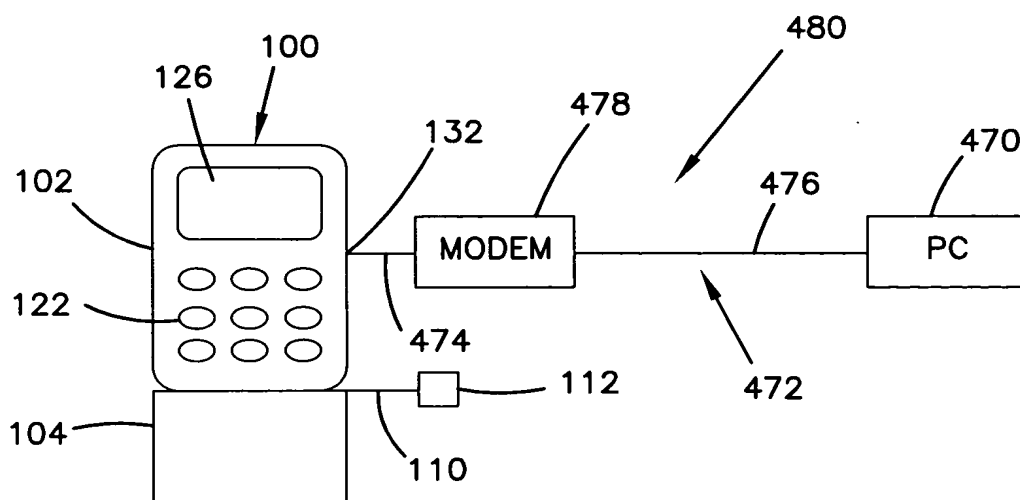


FIG. 17

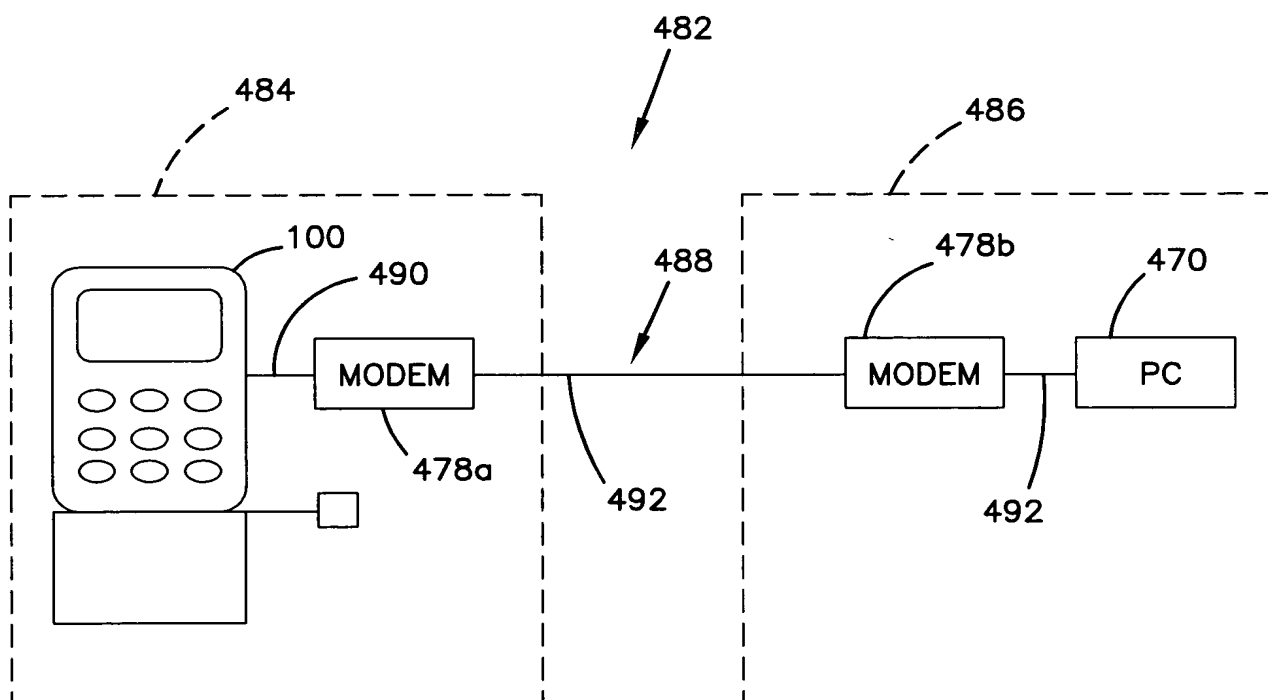


FIG. 18

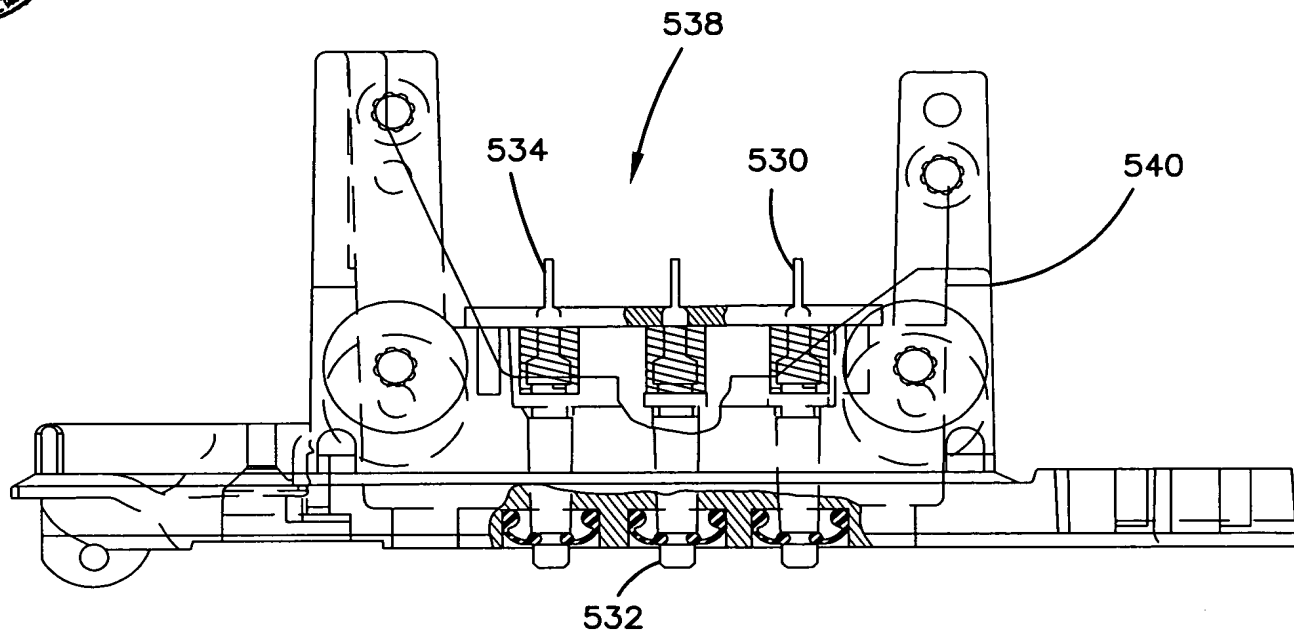


FIG.19

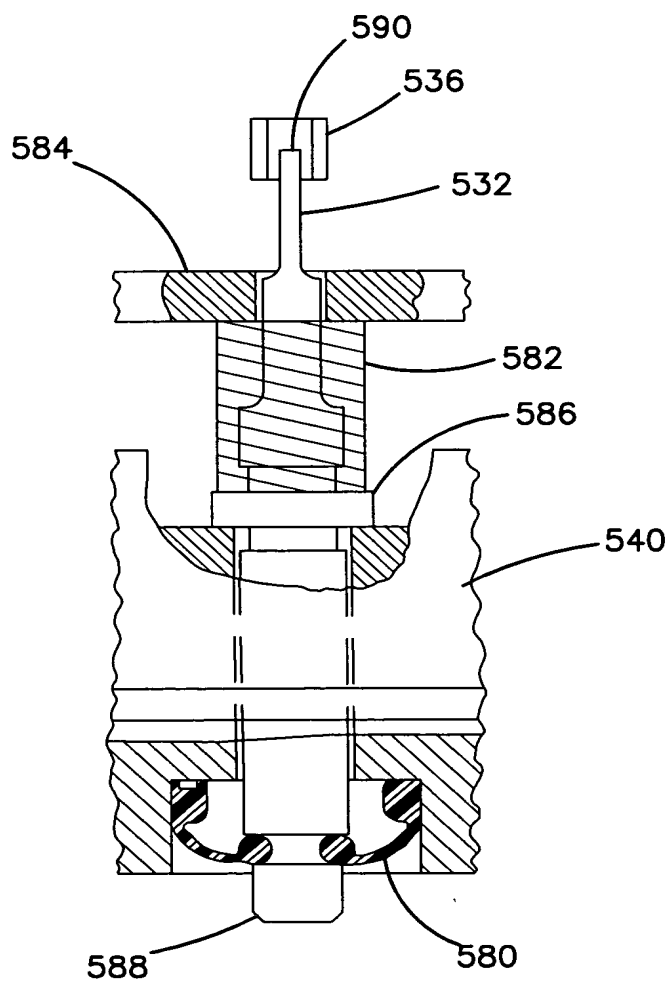


FIG.20

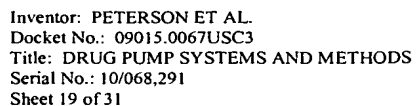


FIG. 21 is a cross-sectional view of a mechanical assembly. The assembly includes a central cylindrical component (540) with two circular openings. This component is mounted on a base (542) which is supported by a lower structure (544). To the right, a vertical rod (564) passes through a series of components including a spring (570) and a nut (566). A curved arm (568) is attached to the rod. The entire assembly is housed within a structure (102) with a base (104). Various other components are labeled with reference numerals: 562, 536, 560, 532, and 560.

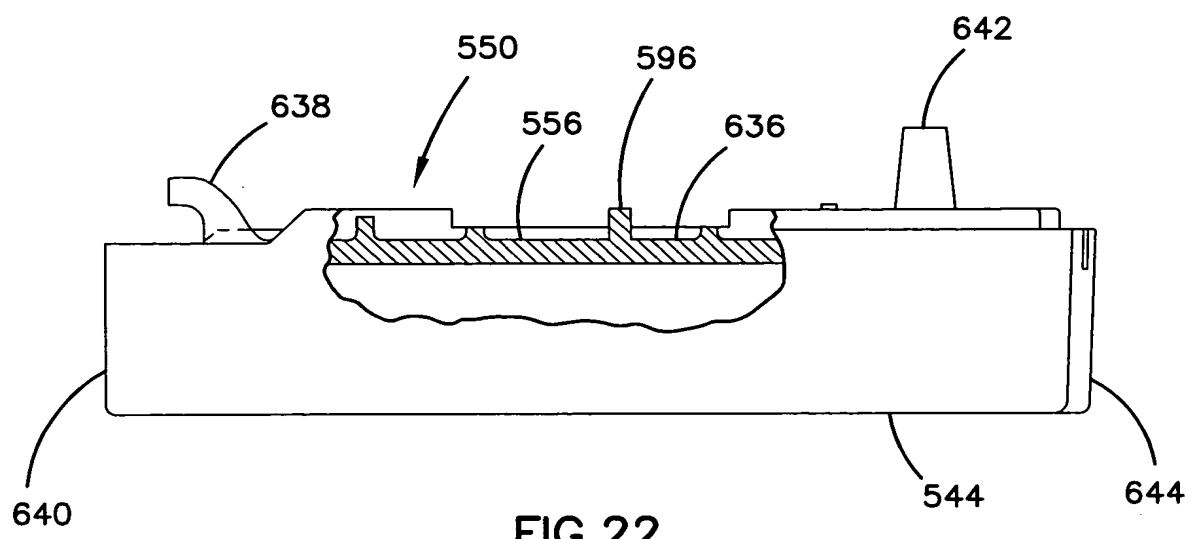


FIG. 22

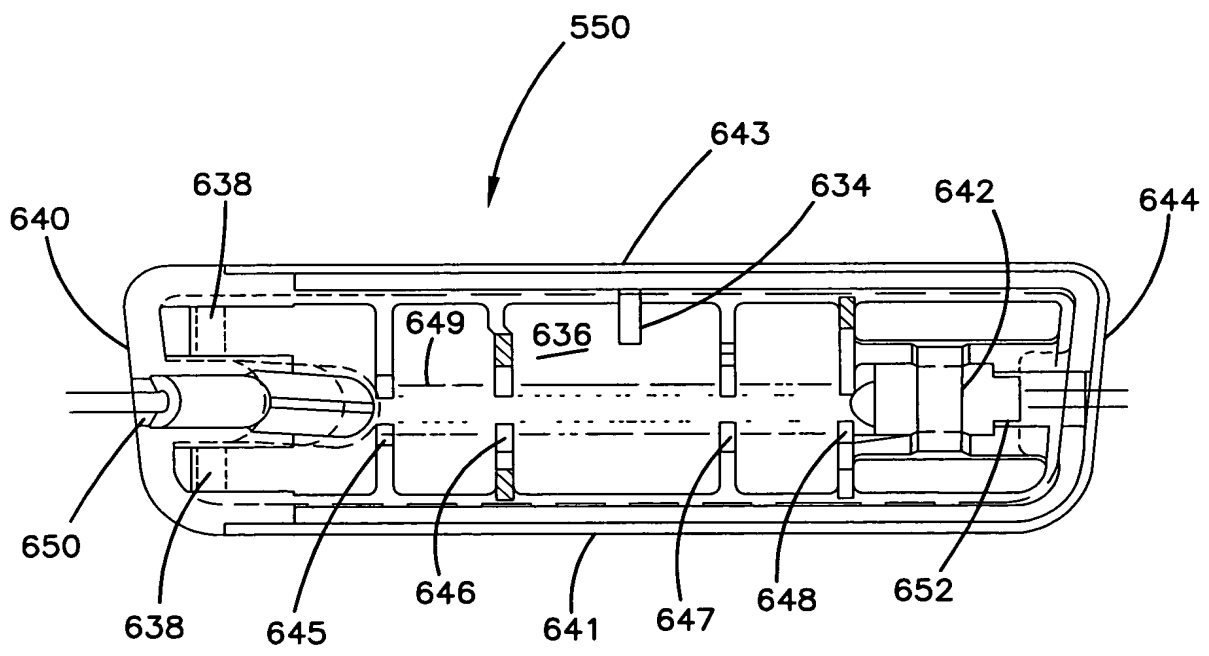
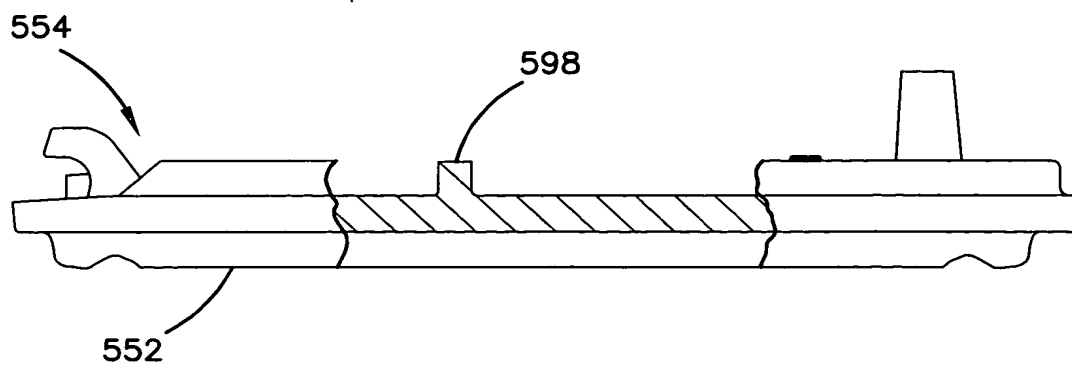
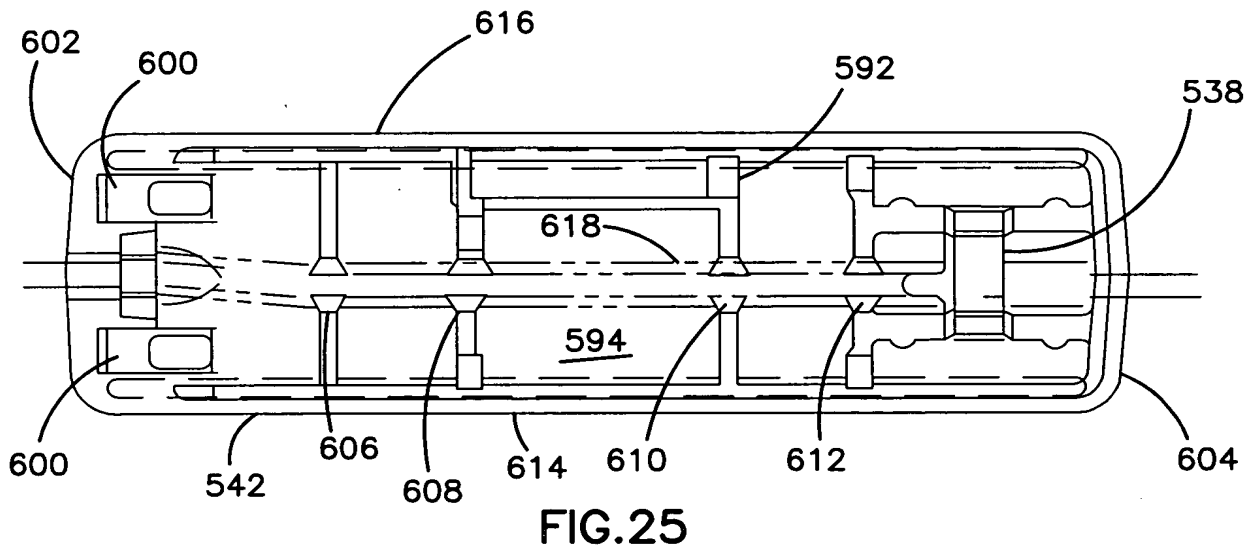
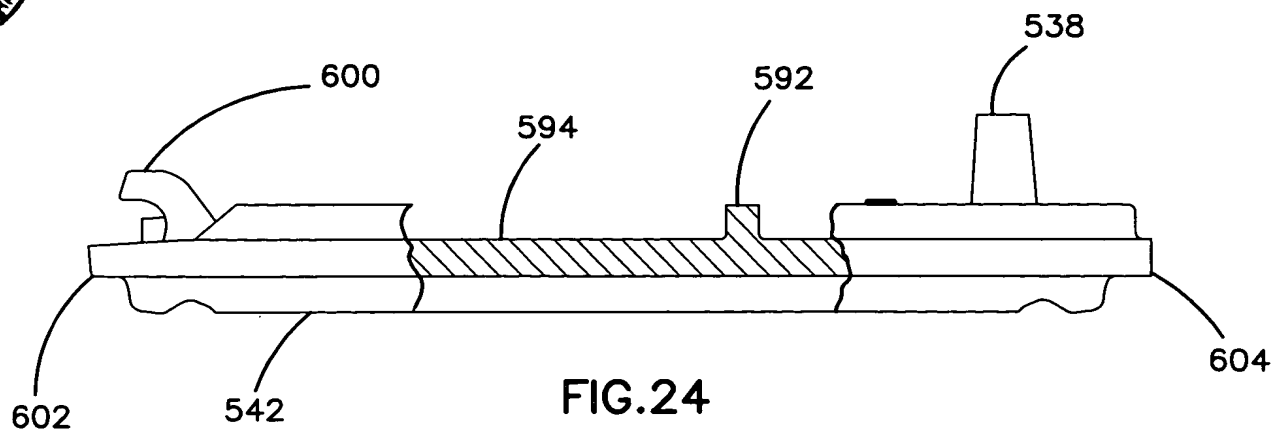


FIG. 23





Inventor: PETERSON ET AL.
Docket No.: 09015.0067USC3
Title: DRUG PUMP SYSTEMS AND METHODS
Serial No.: 10/068,291
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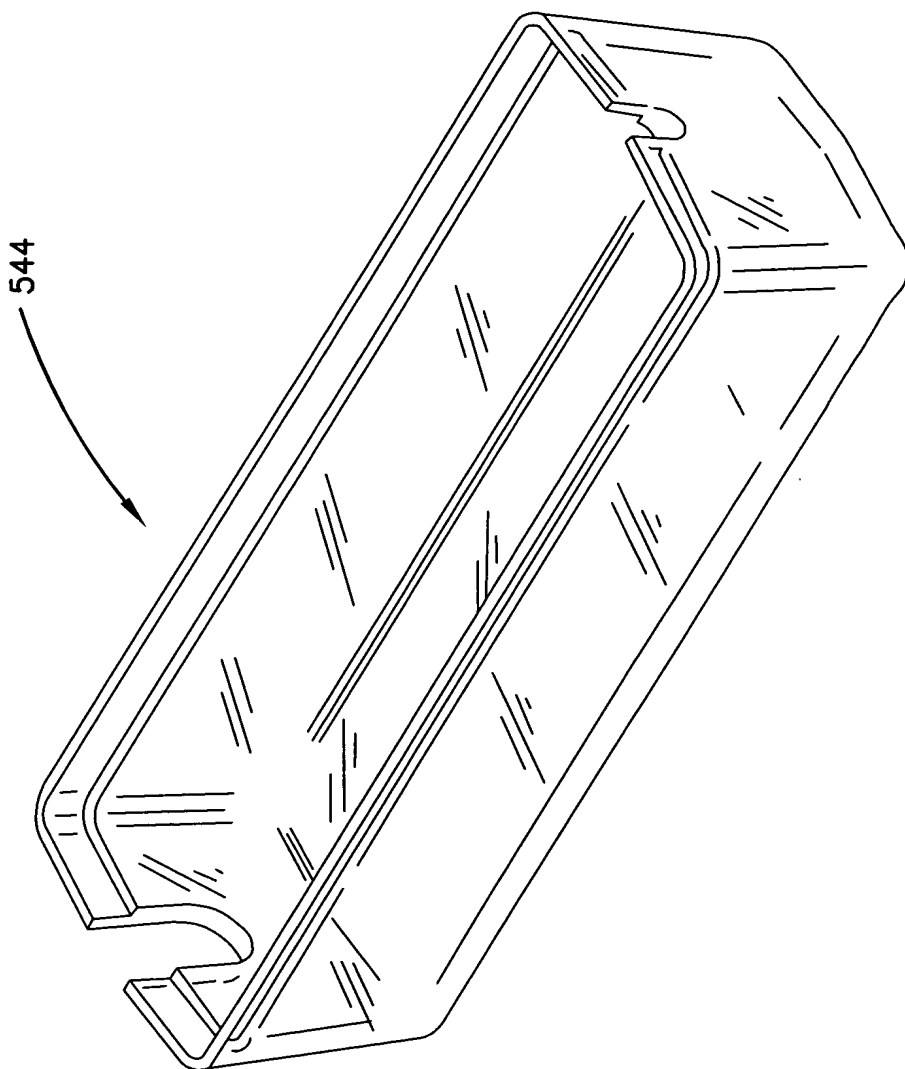


FIG. 27

FIG.28

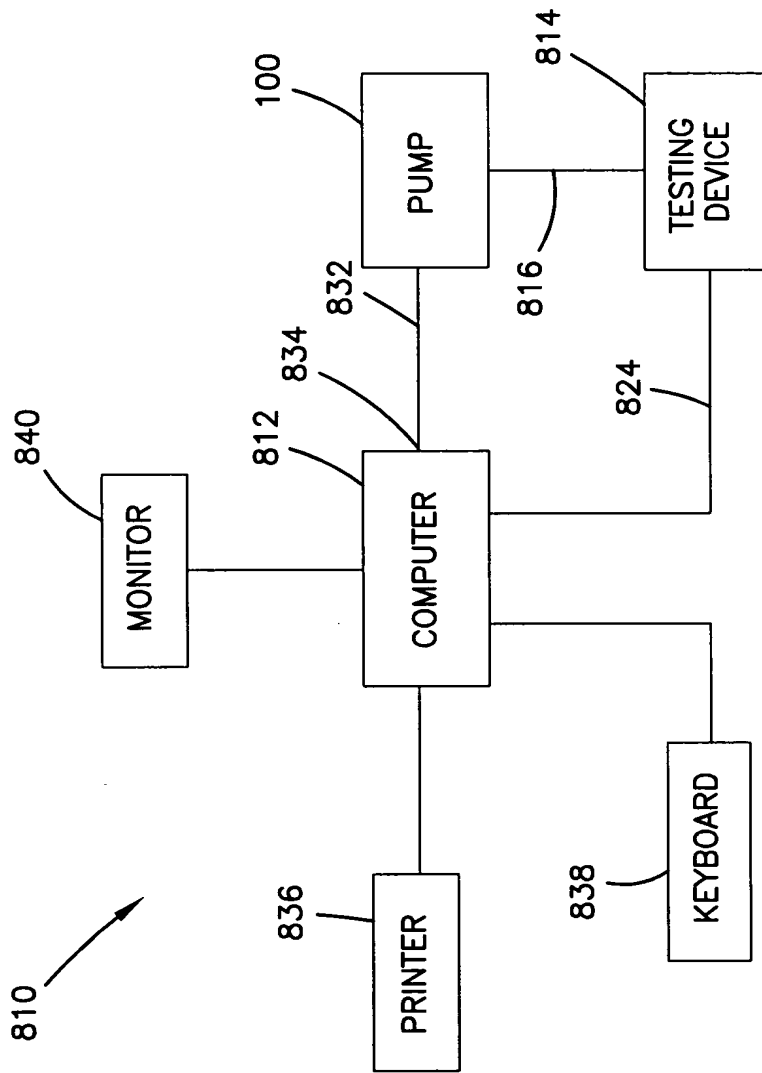




FIG.29

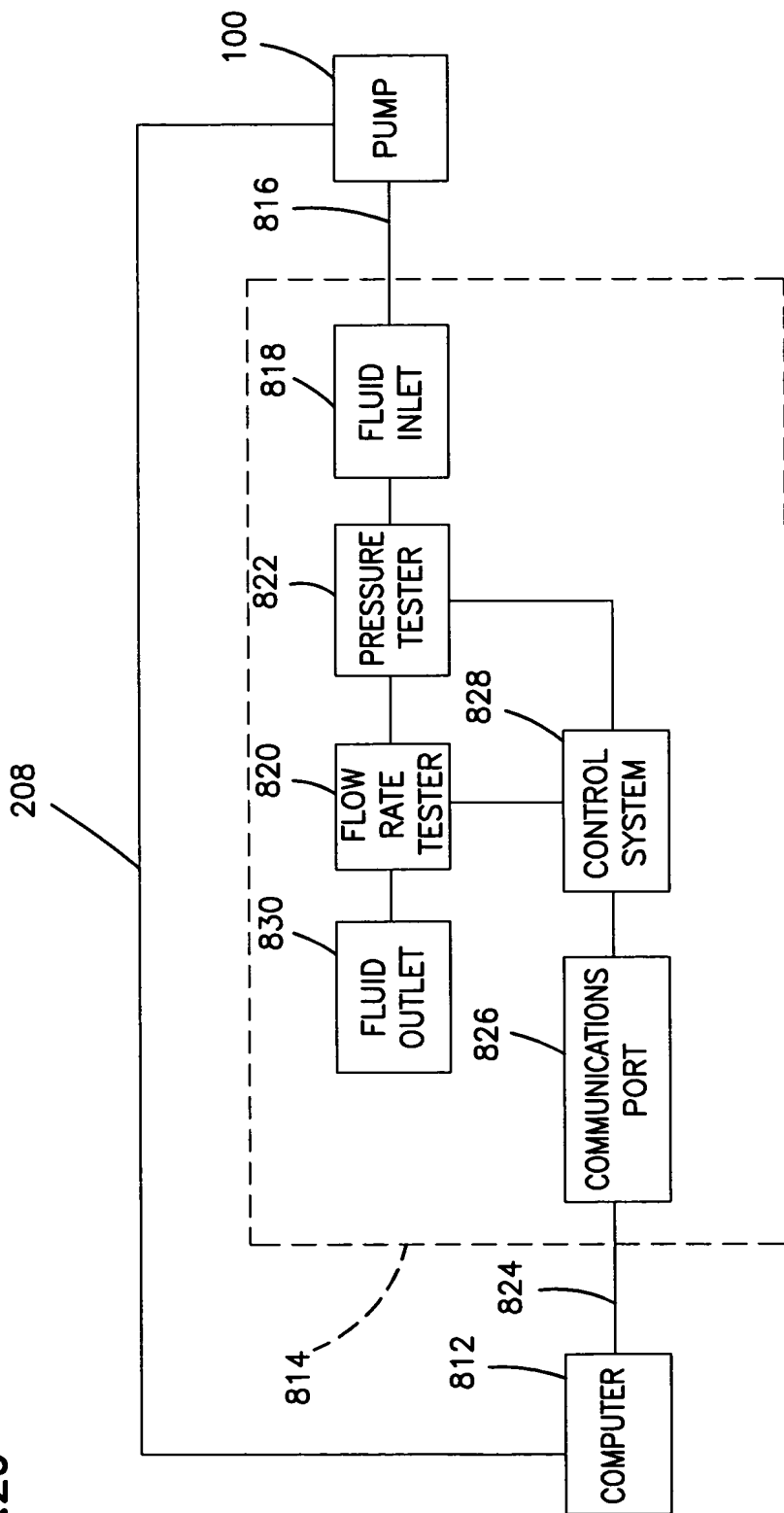




FIG.30

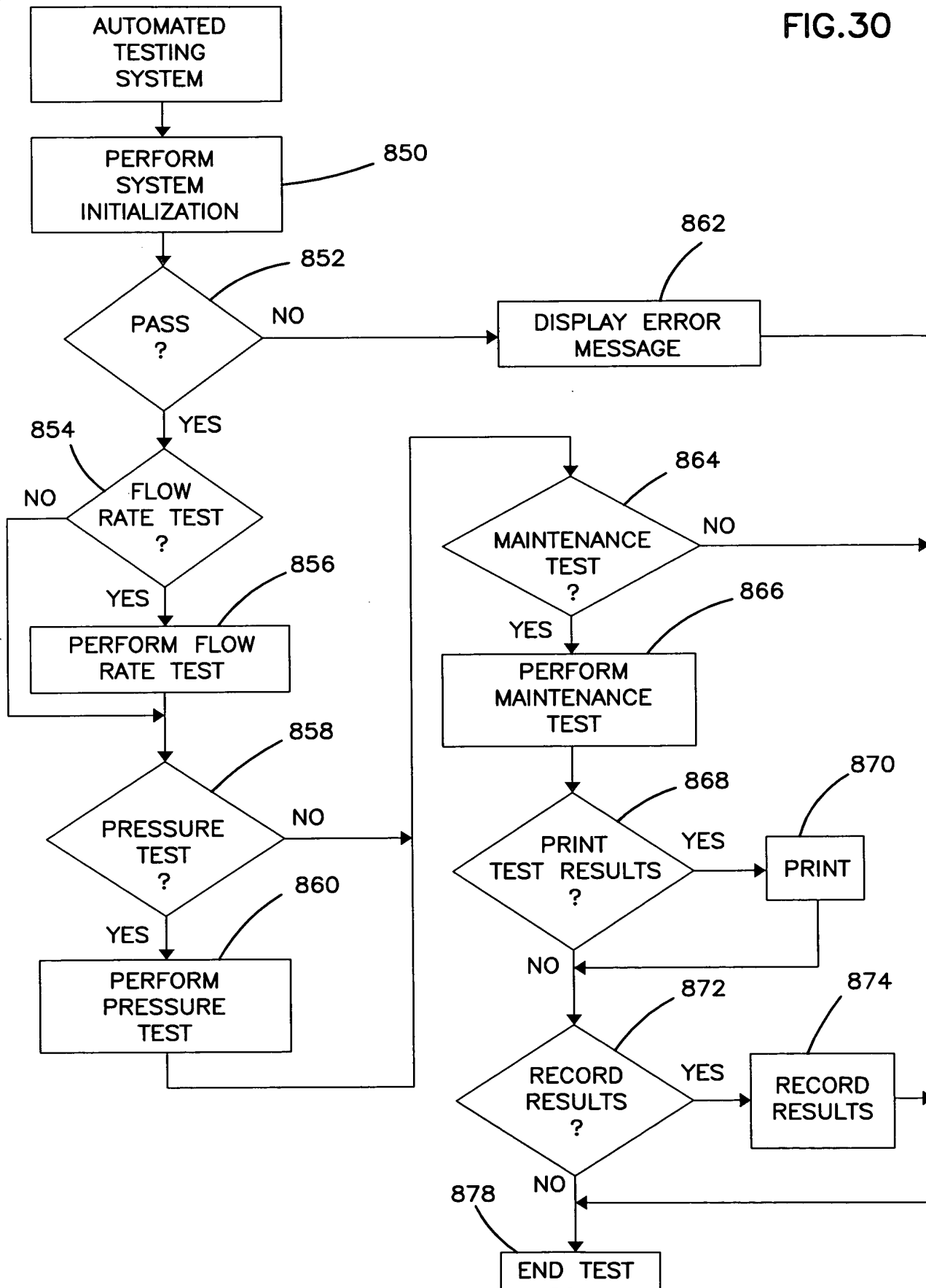




FIG.31

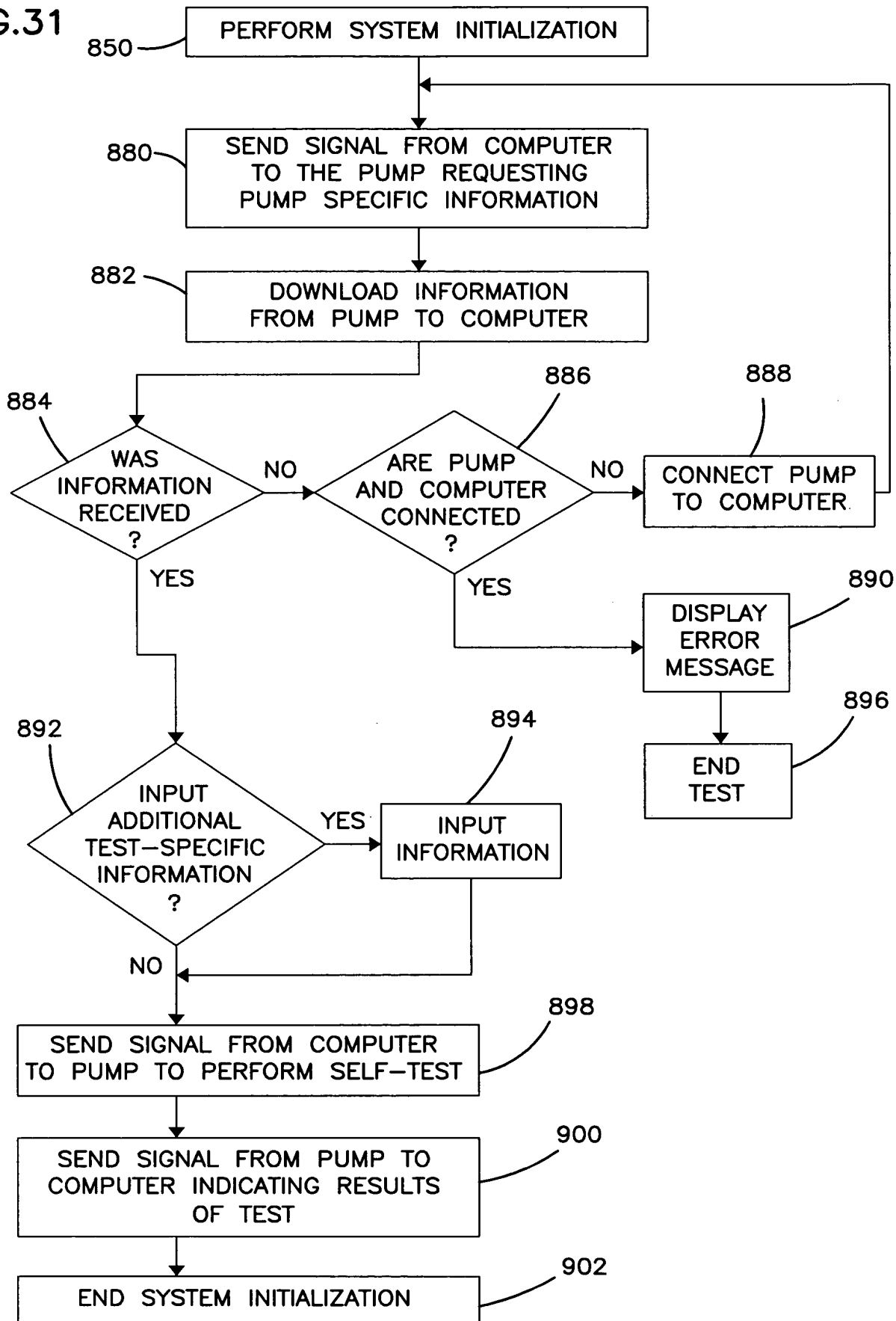




FIG.32A

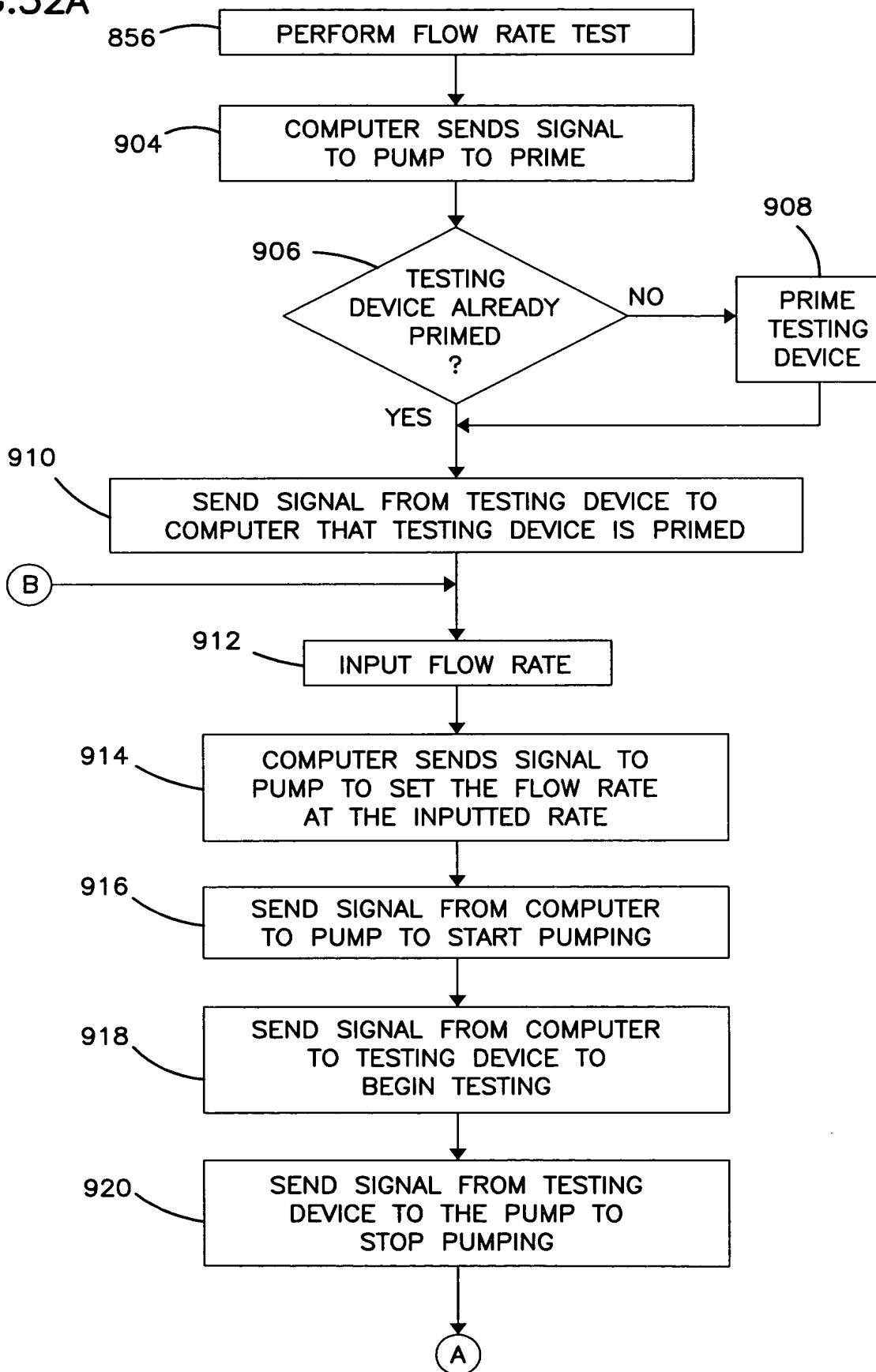




FIG.32B

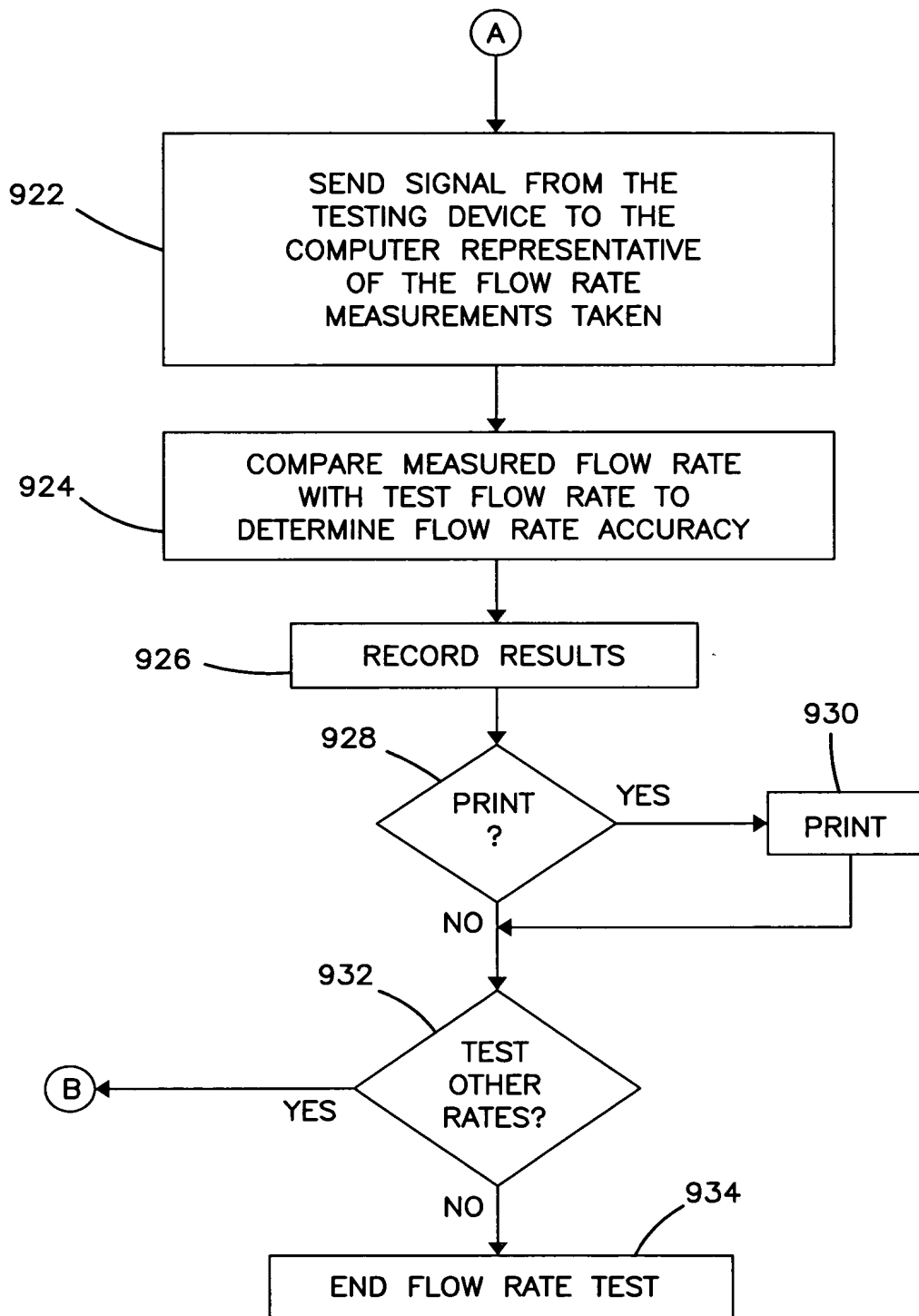




FIG.33

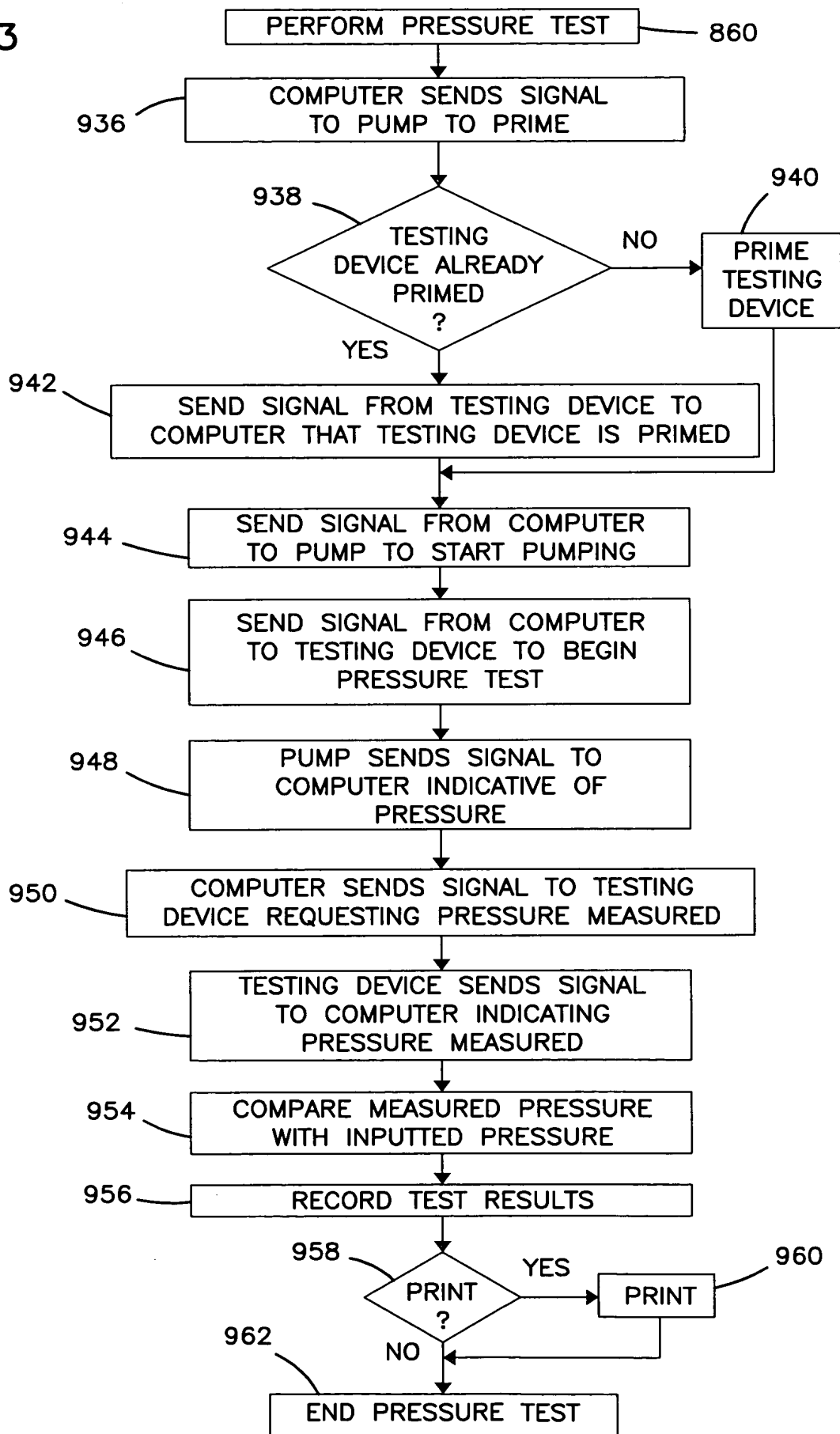




FIG.34A

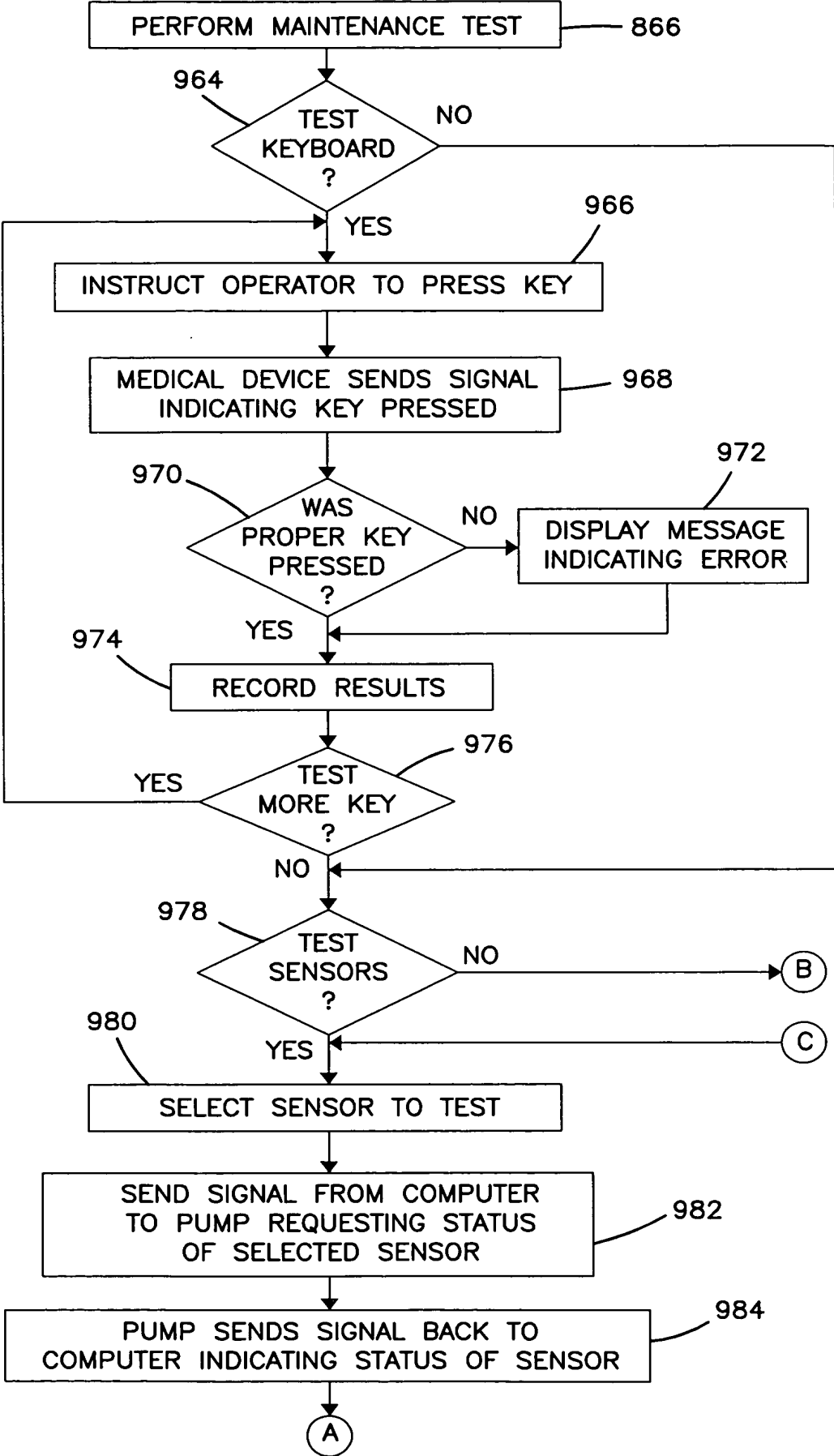




FIG.34B

